

Amendments to the Specification

Please replace the paragraph beginning on page 37, line 12, with the following rewritten paragraph:

A layout system of Invention 34 comprises layout section for generating a layout by arranging a plurality of information storage frames movably on a layout region and storing listed information in the information storage frames. The layout section forms the information storage frames into a group, arranges the information storage frames, which belong to the same group, so as to have a relative positional relationship on the layout region, can expand or reduce the information storage frames according to an amount of the listed information, determines a relative positional relationship between the ~~barycenters~~centers of mass of the information storage frames before storing the listed information, and when the ~~barycenter~~center of mass of the information storage frame serving as the reference is displaced by the expansion or reduction of the information storage frame, the layout section is set to displace the ~~barycenters~~centers of mass of the other information storage frames according to the displacement to maintain the predetermined relative positional relationship, so that a layout is generated.

Please replace the paragraph beginning on page 38, line 12, with the following rewritten paragraph:

In the layout system of Invention 34, a layout system of Invention 35 is characterized in that when the ~~barycenter~~center of mass of the information storage frame serving as the reference is displaced and the other information storage frames accordingly move out of the layout region, the layout section is set to reduce a distance between the ~~barycenters~~centers of mass while maintaining a ratio of distances in the relative positional relationship of the information storage frames, so that a layout is generated.

Please replace the paragraph beginning on page 104, line 14, with the following rewritten paragraph:

FIGS. 31 to 33 are diagrams showing Embodiment 7 of a layout system, a layout program, and a layout method according to the present invention. A layout is generated while a relative positional relationship is maintained between the ~~barycenters~~centers of mass of information storage frames, which are formed into a group in the Embodiment 4. As with the above-described embodiments, only parts different from those of the above-described embodiments will be discussed in the present embodiment. The same parts are indicated by the same reference numerals and the explanation thereof is omitted.

Please replace the paragraph beginning on page 104, line 24, with the following rewritten paragraph:

A page template is the same as those of the above-described embodiments and the setting of "group A" is designated as shown in FIG. 32. Namely, this designation indicates that "group A" is moved while the relative positional relationship is maintained between the ~~barycenters~~centers of mass of the information storage frames.

Please replace the paragraph beginning on page 105, line 14, with the following rewritten paragraph:

Then, as shown in FIG. 33B, ~~barycenters~~centers of mass P1, P2, and P3 of the information storage frames 601, 602, and 603 are determined. The positional relationship among the ~~barycenters~~centers of mass P1, P2, and P3, e.g., distances and angles are calculated and the data is stored (steps S812 and S814).

Please replace the paragraph beginning on page 105, line 19, with the following rewritten paragraph:

Subsequently, predetermined listed information is stored in the information storage frame 601 serving as the reference at the center (step S916), the information storage frame

601 is expanded or reduced according to an amount of listed information (step S920), and the position of the ~~barycenter~~center of mass P1 is determined again to decide whether or not the position is displaced from the original position (step S924). When the position is displaced, a displacement is calculated.

Please replace the paragraph beginning on page 105, line 27, with the following rewritten paragraph:

In the present embodiment, since the amount of listed information having been stored is considerably smaller than the capacity of the information storage frame 601, as shown in FIG. 33B, the information storage frame 601 is considerably reduced in horizontal and vertical directions relative to the left corner, and the ~~barycenter~~center of mass P1 is accordingly moved somewhat to the upper left from the original position. Hence, when the other information storage frames 602 and 603 can move (step S924), the ~~barycenters~~centers of mass P2 and P3 of the other information storage frames 602 and 603 are moved according to a displacement of the ~~barycenter~~center of mass P1 (step S926), so that a desired layout can be maintained without impairing the relative positional relationship among the information storage frames 601, 602, and 603.

Please replace the paragraph beginning on page 106, line 12, with the following rewritten paragraph:

In contrast, when the other information storage frames 602 and 603 cannot move while maintaining the relative positional relationship, as shown in FIG. 33D, an angle of the ~~barycenters~~centers of mass P1, P2, and P3 is maintained, that is, an angle is maintained between a line connecting the ~~barycenters~~centers of mass P1 and P2 and a line connecting the ~~barycenters~~centers of mass P2 and P3. In this state, a distance between the ~~barycenters~~centers of mass P1 and P2 and a distance between the ~~barycenters~~centers of mass P2 and P3 are reduced while a ratio of the distances is maintained (step S946).

Please replace the paragraph beginning on page 106, line 26, with the following rewritten paragraph:

In the present embodiment, as shown in FIG. 33B, the other information storage frames 602 and 603 are arranged on the corners of the movable regions 604 and 606, respectively, and cannot move vertically or horizontally. Thus, as shown in FIGS. 33(c) and 33(d), a desired layout is obtained by reducing the distances between the ~~barycenters~~centers of mass P1, P2, and P3 according to a predetermined ratio while maintaining an angle thereof.

Please replace the paragraph beginning on page 107, line 5, with the following rewritten paragraph:

Subsequently, when another positional relationship is formed by a displacement of the ~~barycenter~~center of mass P1 of the information storage frame 601 serving as the reference, corresponding listed information is stored in the other information storage frames 602 and 603, and the information storage frames 602 and 603 are expanded or reduced according to an amount of listed information (step S930). Then, when the ~~barycenter~~center of mass positions of the other information storage frames 602 and 603 are displaced as a result of the expansion or reduction, the other information storage frames 602 and 603 are moved so as to return the ~~barycenter~~center of mass positions to those just before the displacement (steps S932 to S936).

Please replace the paragraph beginning on page 107, line 17, with the following rewritten paragraph:

In the present embodiment, as shown in FIGS. 33(e) and 33(f), as a result of expansion or reduction of the information storage frames 602 and 603 after storing the predetermined listed information in the other information storage frames 602 and 603, when the positions of the ~~barycenters~~centers of mass P1 and P2 are displaced again, the expanded or reduced information storage frames 602 and 603 are moved to correct the positions of the

~~barycenters~~centers of mass P1 and P2. At this point, when the information storage frames 602 and 603 cannot be moved because of the displacing directions of the ~~barycenters~~centers of mass P1 and P2, the distances between the ~~barycenters~~centers of mass are reduced again while an angle with the ~~barycenter~~center of mass P1 (step S948) is maintained, so that a predetermined relative relationship can be maintained.

Please replace the paragraph beginning on page 108, line 3, with the following rewritten paragraph:

Besides, in step S904, when any group is not set for the selected information storage frame (No), a transition is made to step S938, listed information is stored in the information storage frame, and the information storage frame is expanded or reduced according to an amount of listed information. When the ~~barycenter~~center of mass is changed by the expansion or reduction, the information storage frame is moved so as to return the ~~barycentric~~center of mass position to the original position (steps S940 to S944), so that it is possible to eliminate the inconvenience of a large displacement of the information storage frame from the original position.

Please replace the paragraph beginning on page 108, line 22, with the following rewritten paragraph:

In the present embodiment, distances of the ~~barycenters~~centers of mass P2 and P3 relative to the ~~barycenter~~center of mass P1 are reduced so as to maintain the relative positions of the contents. A distance between the ~~barycenters~~centers of mass may be reduced relative to the ~~barycenter~~center of mass P2 or P3.

Please replace the paragraph beginning on page 108, line 27, with the following rewritten paragraph:

In the present embodiment, the information storage frames 602 and 603 are moved before listed information is stored in the information storage frames 602 and 603. If the

information storage frames 602 and 603 are moved after listed information is stored, expansion or reduction is properly performed, and ~~barycenters~~ centers of mass are obtained, it is possible to reduce the number of times of moving the information storage frames 602 and 603 with a small processing amount.